Xi3® X5A Modular Computer

COMPUTING

Different by Design

The cube-like X5A Modular™ Computer is clearly different than any other computer on the planet. And yet, the differences extend deeper than just its incredibly small size or unique shape. In fact, we started over when it came to designing the X5A Modular Computer, an effort that gave birth to the Xi3 Computer Architecture. This entirely new computer standard allowed us to take the classic motherboard and break it into three significantly smaller, yet interconnected boards: the CPU board and two I/O boards.

Amazingly Adaptable

When joined together in a block-U shape, these three boards provide robust computing functionality with a twist. Specifically, they can be easily replaced, updated and/or upgraded. This "building block" approach not only provides the basis for the term modular computer, but it also makes it possible to extend the useful life of the Xi3 Modular Computer to 6, 8, or even 10 years instead of today's standard of 3-5 years.

Enormously Economical

The result is significantly lower acquisition costs over time, especially over a 5- to 10-year period. Additionally, the X5A Modular Computer only needs 20 Watts* of power to operate, a mere 10% of the electrical requirements of most completely configured computers. Such low power needs make the X5A Modular Computer one of the most eco-friendly or green computers on Earth. This combination of lower electricity usage and significantly lower acquisition costs creates an incomparably low TCO (Total Cost of Ownership).

Powerful Performance

Economy does not mean you sacrifice performance, however, as the X5A Modular Computer is powered by a dual-core AMD processor running at 1.8GHz that launches the latest version of Windows® in less than 25 seconds. In fact, the optimized design of the X5A Modular Computer means that owners will see similar, if not improved, performance when using any x86-based operating system.

Stylishly Small

The irresistibly small, sleek chassis of the X5A Modular Computer creates a tiny, yet eye-catching footprint on any desktop. You can even swap-out the original chassis for one of a different color altogether. The chassis also uses the patented Xi3 building block approach. This allows the machine to be easily attached to virtually any surface, easily mounted in standard server racks, or embedded within a variety of larger systems.

Benefits

- **Easily modifiable & upgradable**
- **Extended useful life (6-10 years)**
- **Extremely low energy use (20 Watts*)**
- **Significant TCO savings vs. standard PCs**
- **Incredibly small footprint**
- **Runs x86-based operating systems & software**
- **Ideal for desktop, enterprise & embedded applications**
- **TPM Chips optional**

Discover the Power of X

For a complete list of specs on the X5A Modular Computer, see the reverse side of this data sheet or visit our website at www.Xi3.com to learn more about the benefits of the X5A Modular Computer and the Xi3 Computer Architecture.

Xi3 Corporation
www.Xi3.com

HIGH PERFORMANCE. REDEFINED.

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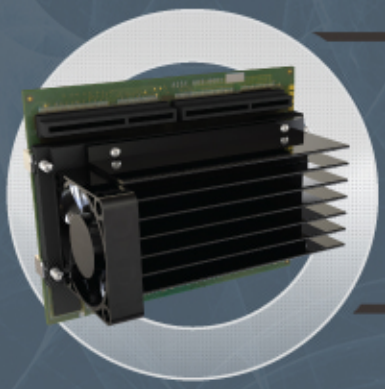
Overview

Xi3 Modular Computer with a dual-core 64-bit, x86-based processor supported by the 780E NorthBridge and SB710 SouthBridge chipsets, with dual 2560 x 1600 display outputs.



X5A Dual Core Processor Board

Processor/Socket: Dual-core 64-bit 3400e
Speed: 1.8GHz
Memory: 2GB DDR2
L2 Cache: 1MB
Power: 20 Watts

Primary I/O Board

General Specs:
eSATA-II and I support
USB 2.0 support
PMC Optical Interface

Internal Storage: 16GB mSATA SSD,
(up to 512GB) SSD Quick Boot
(Linux or Windows)
TPM chips optional

External Connectors:
2 – eSATA Ports
6 – USB 2.0 Ports (root hubs)
3 – Reconfigurable Audio channels
(1-3, Microphone, Headphone and/or Line-in/Line-out)

Internal Connectors:
1 – USB 2.0 Connector
1 – Fan Connector

Secondary I/O Board

General Specs:

DirectX Support: DX10

OpenGL: v2.0

Video Decode: UVD 2.0-VC-1, MPEG2, MPEG4

HDCP: v1.3b (up to 1080p)

Side Port Memory: 128MB

DP/DVI: 1080p, with Digital Audio (HDMI optional)

Max Resolution: 2560x1600 @ 32bpp (dual output capable)

Dual Display Standard: DVI + VGA, DVI -DL+DP, VGA+DP (HDMI converter optional)

External Connectors:
1 – Ethernet connector (10/100/1000)
1 – Display port (DP, HDMI optional)
1 – Display port (DVI + VGA, DVI-DL)
1 – Power connector (12-24 volts DC @ 3.30 Amps)

- External Size: 4.270” X 3.656” X 3.656”
- Integrated Power Management Controller
- Operating Temp: 32F to 140F
- Non Operating Temp: ≥ -4F to ≤158F
- Elevation: ≤10,000 Ft
- Phoenix Legacy BIOS
- Warranty: 3-year depot

* Energy use cited represents typical usage and may vary.

The shape of the three-sided single piece chassis, the endcaps, the anodized aluminum chassis with chrome accent, the rounded concave polygon, the honeycombs, the product packaging, the inter-connective structures, and the overall shape of the X5A Modular Computer are trademarks and unique trade dress of Xi3 Corporation. Xi3 and the Xi3 logo are registered trademarks of Xi3 Corporation. Modular and Xi3 Modular is a trademark of Xi3 Corporation. All other trademarks are property of their respective owners. ©2014 Xi3 Corporation. All Rights Reserved.

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